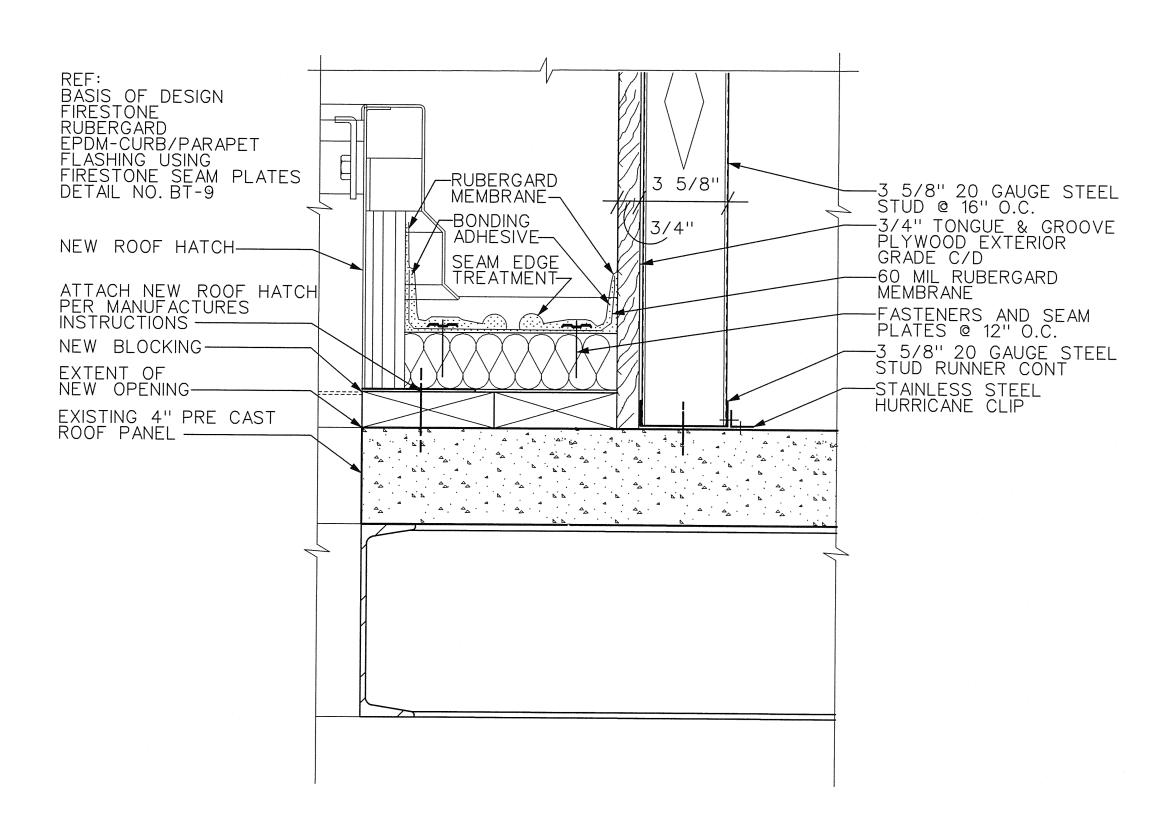


A-101

DETAIL

SCALE: 3"= 1'-0"



DETAIL SCALE: 3"= 1'-0" A - 101 SECTION 07531 - ETHYLENE-PROPYLENE-DIENE-MONOMER (EPDM) ROOFING

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

DRAWINGS AND GENERAL PROVISIONS OF THE CONTRACT, INCLUDING GENERAL AND SUPPLEMENTARY CONDITIONS AND DIVISION 1 SPECIFICATION SECTIONS, APPLY TO

1.2 SUMMARY

A. SECTION INCLUDES:

MECHANICALLY FASTENED EPDM MEMBRANE ROOFING SYSTEM. ROOF INSULATION.

B. RELATED SECTIONS:

DIVISION 6 SECTION 7 "MISCELLANEOUS CARPENTRY" FOR WOOD NAILERS, CURBS, AND BLOCKING.

1.3 DEFINITIONS

ROOFING TERMINOLOGY: SEE ASTMD 1079 AND GLOSSARY OF NRCA'S "THE NRCA ROOFING AND WATERPROOFING MANUAL" FOR DEFINITIONS OF TERMS RELATED TO ROOFING WORK IN THIS SECTION.

PERFORMANCE REQUIREMENTS

GENERAL PERFORMANCE: INSTALLED MEMBRANE ROOFING AND BASE FLASHINGS SHALL WITHSTAND SPECIFIED UPLIFT PRESSURES, THERMALLY INDUCED MOVEMENT, AND EXPOSURE TO WEATHER WITHOUT FAILURE DUE TO DEFECTIVE MANUFACTURE, FABRICATION, INSTALLATION, OR OTHER DEFECTS IN CONSTRUCTION. MEMBRANE ROOFING AND BASE FLASHINGS SHALL REMAIN WATERTIGHT.

MATERIAL COMPATIBILITY: PROVIDE ROOFING MATERIALS THAT ARE COMPATIBLE WITH ONE ANOTHER UNDER CONDITIONS OF SERVICE AND APPLICATION REQUIRED, AS DEMONSTRATED BY MEMBRANE ROOFING MANUFACTURER BASED ON TESTING AND FIELD EXPERIENCE.

1.5 SUBMITTALS

SAMPLES FOR VERIFICATION: FOR THE FOLLOWING PRODUCTS, IN MANUFACTURER'S STANDARD SIZES:

SHEET ROOFING, OF COLOR SPECIFIED, INCLUDING T-SHAPED SIDE AND END LAP

SEAM.
ROOF INSULATION.
10 LB (4.5 KG) OF AGGREGATE BALLAST IN GRADATION INDICATED.
SIX INSULATION FASTENERS OF EACH TYPE, LENGTH, AND FINISH.
SIX ROOF COVER FASTENERS OF EACH TYPE, LENGTH, AND FINISH.

MAINTENANCE DATA: FOR MEMBRANE ROOFING SYSTEM TO INCLUDE IN MAINTENANCE MANUALS.
WARRANTIES: SAMPLE OF SPECIAL WARRANTIES.

QUALITY ASSURANCE

MANUFACTURER QUALIFICATIONS: A QUALIFIED MANUFACTURER THAT IS UL LISTED FOR MEMBRANE ROOFING SYSTEM IDENTICAL TO THAT USED FOR THIS PROJECT.

INSTALLER QUALIFICATIONS: A QUALIFIED FIRM THAT IS APPROVED, AUTHORIZED, OR LICENSED BY MEMBRANE ROOFING SYSTEM MANUFACTURER TO INSTALL MANUFACTURER'S PRODUCT AND THAT IS ELIGIBLE TO RECEIVE MANUFACTURER'S SPECIAL WARRANTY.

SOURCE LIMITATIONS: OBTAIN COMPONENTS INCLUDING ROOF INSULATION FASTENERS FOR MEMBRANE ROOFING SYSTEM FROM SAME MANUFACTURER AS MEMBRANE ROOFING OR APPROVED BY MEMBRANE ROOFING MANUFACTURER.

EXTERIOR FIRE-TEST EXPOSURE: ASTM E 108, CLASS A; FOR APPLICATION AND ROOF SLOPES INDICATED, AS DETERMINED BY TESTING IDENTICAL MEMBRANE ROOFING MATERIALS BY A QUALIFIED TESTING AGENCY. MATERIALS SHALL BE IDENTIFIED WITH APPROPRIATE MARKINGS OF APPLICABLE TESTING AGENCY.

FIRE-RESISTANCE RATINGS: WHERE INDICATED, PROVIDE FIRE-RESISTANCE-RATED ROOF ASSEMBLIES IDENTICAL TO THOSE OF ASSEMBLIES TESTED FOR FIRE RESISTANCE PER ASTM E 119 BY A QUALIFIED TESTING AGENCY. IDENTIFY PRODUCTS WITH APPROPRIATE MARKINGS OF APPLICABLE TESTING AGENCY.

DELIVERY, STORAGE, AND HANDLING

DELIVER ROOFING MATERIALS TO PROJECT SITE IN ORIGINAL CONTAINERS WITH SEALS UNBROKEN AND LABELED WITH MANUFACTURER'S NAME, PRODUCT BRAND NAME AND TYPE, DATE OF MANUFACTURE, APPROVAL OR LISTING AGENCY MARKINGS, AND DIRECTIONS FOR STORING AND MIXING WITH OTHER COMPONENTS.

STORE LIQUID MATERIALS IN THEIR ORIGINAL UNDAMAGED CONTAINERS IN A CLEAN, DRY, PROTECTED LOCATION AND WITHIN THE TEMPERATURE RANGE REQUIRED BY ROOFING SYSTEM MANUFACTURER. PROTECT STORED LIQUID MATERIAL FROM DIRECT SUNLIGHT.

DISCARD AND LEGALLY DISPOSE OF LIQUID MATERIAL THAT CANNOT BE APPLIED WITHIN ITS STATED SHELF LIFE.

PROTECT ROOF INSULATION MATERIALS FROM PHYSICAL DAMAGE AND FROM DETERIORATION BY SUNLIGHT, MOISTURE, SOILING, AND OTHER SOURCES. STORE IN A DRY LOCATION. COMPLY WITH INSULATION MANUFACTURER'S WRITTEN INSTRUCTIONS FOR HANDLING, STORING, AND PROTECTING DURING INSTALLATION.

D. HANDLE AND STORE ROOFING MATERIALS AND PLACE EQUIPMENT IN A MANNER TO AVOID PERMANENT DEFLECTION OF DECK.

PROJECT CONDITIONS

WEATHER LIMITATIONS: PROCEED WITH INSTALLATION ONLY WHEN EXISTING AND FORECASTED WEATHER CONDITIONS PERMIT ROOFING SYSTEM TO BE INSTALLED ACCORDING TO MANUFACTURER'S WRITTEN INSTRUCTIONS AND WARRANTY REQUIREMENTS.

SEE SHEET A102 FOR CONTINUATION

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COMM NO: 207202.10							
DATE: FEBRUARY 4, 2008							
DRAWN: JCP DESIGN: CAR							

ROOF MODIFICATION DETAILS/SPECS

SHT. NO.

CHECK:

SHEET TITLE

A-101

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